

HAZARDOUS WASTE SITE ASSESSMENT REPORT

PEMCO PRODUCTS  
5601 EASTERN AVENUE, BALTIMORE, MD

MD-55

JRB NO.: 2-817-03-513-36

PREPARED FOR: USEPA REGION III  
MD DEPT OF HEALTH AND MENTAL HYGIENE

PREPARED BY: JRB ASSOCIATES  
8400 WESTPARK DRIVE  
MC LEAN, VIRGINIA 22102

DATE: FEBRUARY 20, 1982

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## 1.0 SUMMARY AND RECOMMENDATIONS

Summary

The Pemco Products Chemical/Metallurgical Division of the SCM Corporation operates a porcelain and glass manufacturing facility at 5601 Eastern Avenue, Baltimore, Maryland 21224.<sup>1</sup> The facility has occupied its present location since 1910. Over the past 70 years, porcelain and glass fines and other glass waste known as "Frit" have been disposed on-site. In 1979, the Maryland Water Resources Administration issued a clean-up order, concerning the dump area, to Pemco Products. (See Appendix A.) The clean-up order required Pemco to:

1. Stop disposal of waste material.
2. Remove all piles of waste material.
3. Submit a plan for extending storm drains through the contaminated area, and for capping, topsoiling and vegetating the site.
4. Submit analysis of outfalls under the sites NPDES permit.

Pemco Products complied with the order, and the site is now capped, graded and vegetated. Maryland inspectors regularly inspect the site to assure the integrity of the cap. There are no monitoring wells on-site.<sup>2</sup>

Pemco Products has notified as a RCRA generator, transporter and TSD facility (MD0003093499). Also, the notification form lists Mobay Chemical Corporation as the owner.<sup>3</sup> It is not known if or when a change in ownership took place. The facility listed the following wastes as being handled on-site:

- F001 - spent halogenated solvents used in degreasing
- K002 - wastewater treatment sludge from the production of chrome yellow and orange pigments
- K004 - wastewater treatment sludge from production of zinc yellow

<sup>1</sup> Directory of Maryland Manufacturers 1979-1980. Department of Economic and Community Development. State of Maryland. 1980.

<sup>2</sup> Personal communication with Mr. Joe Stang, MD DHMH, 12/7/81.

<sup>3</sup> Notification to EPA of Hazardous Waste Activities. USEPA. SW 897.3. December 1980.

- K005 - wastewater treatment sludge from production of chrome green
- K006 - wastewater treatment sludge from production of chrome oxide green
- K062 - spent pickle liquor from steel finishing operations
- K063 - sludge from lime treatment of spent pickle liquor
- P012 - arsenic trioxide, 4 aminopyridine, 3(alpha-Acetonylbenzyl), 4-hydroxycamarin and salts, ethyleneimine, hexachloropropene, 1-Naphthyl-2-thiourea
- P119 - 2-Butanone peroxide, phenylmercury acetate, 2-sec-Butyl-4,6-dinitrophenol
- P120 - Varadium pentoxide, U154 Methanol, U210 TET-CHL-ETHE  
TET-CHL-ETHY

In 1980, Pemco Products sent the following wastes off-site:<sup>1</sup>

- 28,900 gallons of cleaning water to Quarentine Road Landfill
- 6,000 gallons of caustics (20% NaCl) to American Recovery
- 300 gallons organics to American Recovery.

The "Frit" which was disposed behind the Pemco facility consists of calcinid or partly fused materials from which glass is made, and can include any of various complex glasses used in ground form to introduce soluble or unstable ingredients into enamals or glazes. Frit is thought to contain concentrations of cadmium and lead plus other heavy and trace metals.

Based on information gathered, the following conclusions are made:

- The Frit disposed behind the Pemco Products facility may contain concentrations of heavy and trace metals. Although the site has been capped and vegetated to reduce infiltration, no system to detect off-site migration of heavy or trace metals is in place.
- While there is no evidence of other wastes being disposed in the dumpsite, the facility has been in operation since 1910, and it is possible that wastes other than frit have found their way into the dump. Given that the facility does generate waste caustics and solvents, there is a concern that some quantity of these materials have been disposed in the dump area.

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<sup>1</sup> Maryland Manifest Records. MD DHMH. 1980.

ORIGINAL  
(Red)Recommendations

Based on the information obtained and the conclusions reached, the following recommendations are made:

- Ground water monitoring wells should be placed around the dump area. The large quantities of frit in the fill area, the unknown concentrations of heavy and trace metals in the frit, and the possibility that other wastes including liquids may have been disposed on-site, is cause for concern that contaminants may migrate from the site.
- The storm sewer running under the site should be sampled to determine if it is isolated from the dump area.
- Regular inspections to assure the integrity of the cap should be continued.

OR  
(R)

APPENDIX A: WATER RESOURCES ADMINISTRATION CORRESPONDENCE



THOMAS C. ANDREWS  
DIRECTOR

STATE OF MARYLAND  
DEPARTMENT OF NATURAL RESOURCES  
**WATER RESOURCES ADMINISTRATION**  
TAWES STATE OFFICE BUILDING  
ANNAPOLIS, MARYLAND 21401  
(301) 269-3551

CERTIFIED MAIL

October 29, 1979

Pemco Products  
Chemical/Metallurgical  
Division of SCM Corporation  
5601 Eastern Avenue  
Baltimore, Maryland 21224

Attn: Frank Chapman

Re: Industrial Waste Disposal Area  
SC-0-79-376-A  
75-DP-0317

Gentlemen:

On October 17, 1979, a meeting was held in Annapolis to discuss correction of the above referenced violation. As a result of the meeting, the following determinations were made:

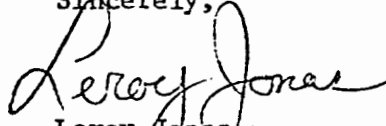
1. The SCM Corporation would remove material contaminated with heavy metals at the Pemco site once these areas were designated by the Administration.
2. All disposal of designated hazardous materials at the site has stopped and waste material is being disposed of in an acceptable manner.
3. The SCM Corporation will need 30 days to evaluate the pipe extension project and develop a plan and time schedule for restoration of the contaminated area. This work would be completed by early spring of 1980.

On October 19, 1979, an on-site meeting was held at the Pemco facility to establish areas of contaminated material to be removed.

Accordingly, the Administration is issuing the enclosed Supplemental Order SC-0-79-376-B which updates the requirements in this case.

Direct any questions or correspondence regarding this matter to me  
at 269-3551.

Sincerely,

A handwritten signature in cursive script that reads "Leroy Jonas".

Leroy Jonas  
Regional Chief  
Enforcement Division

LJ:das

cc: John B Griffith, Esq., Asst. Attorney General  
Stanley Laskowski, EPA III  
Perry Sfikas  
George Huber

Pemco Products : WATER  
Chemical/Metallurgical :  
Division of SCM Corporation : RESOURCES  
5601 Eastern Avenue :  
Baltimore, Maryland 21224 : ADMINISTRATION  
  
Attn: Frank Chapman :  
  
VIOLATOR : SC-0-79-376-B  
  
:

SUPPLEMENTAL ORDER

This Order is issued pursuant to the provisions of Sections 8 - 1401-1417, inclusive, of the Natural Resources Article, Annotated Code of Maryland (1974 Volume). The following terms supplement those provisions contained in the Site Complaint dated the 20th day of April, 1979, and the Supplemental Order dated the 1st day of October, 1979, and to the extent they contradict said terms, the provisions herein take precedence.

It is, this 29th day of October, 1979, by the Water Resources Administration, ORDERED:

That Pemco Products shall:

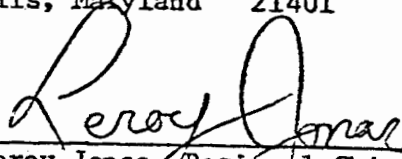
1. By April 20, 1979, cease and desist the disposal of hazardous material at the referenced site unless authorized by a valid Designated Hazardous Material Disposal Permit.
2. By November 15, 1979, remove all piles of lead and heavy metal contaminated material from the referenced area behind the Pemco facility and dispose of this material in a manner acceptable to the Administration.
3. By November 30, 1979, submit to the Administration, for review and approval, a plan and time schedule for the extension of the existing storm drain pipe past the contaminated area. This plan must also address clay cover, topsoiling and vegetative stabilization of the contaminated area at the Pemco site.
4. By November 30, 1979, submit to the Administration a report regarding the 3 separate operations which discharge to outfall

ORIGINAL  
(Red)

001. This report must also include analytical information  
(flow and pollutants) associated with the 3 separate  
operations.

Thomas C. Andrews, Director  
Water Resources Administration  
Tawes State Office Building  
Annapolis, Maryland 21401

By:

  
Leroy Jonas, Regional Chief  
Enforcement Division

APPENDIX B: U.S. EPA FORM T2070-2  
POTENTIAL HAZARDOUS WASTE  
IDENTIFICATION AND  
PRELIMINARY ASSESSMENT



POTENTIAL HAZARDOUS WASTE SITE  
IDENTIFICATION AND PRELIMINARY ASSESSMENT

REGION 3 SITE NUMBER (to be assigned by HQ) MD-55

(Red)

**NOTE:** This form is completed for each potential hazardous waste site to help set priorities for site inspection. The information submitted on this form is based on available records and may be updated on subsequent forms as a result of additional inquiries and on-site inspections.

**GENERAL INSTRUCTIONS:** Complete Sections I and III through X as completely as possible before Section II (Preliminary Assessment). File this form in the Regional Hazardous Waste Log File and submit a copy to: U.S. Environmental Protection Agency; Site Tracking System; Hazardous Waste Enforcement Task Force (EN-335); 401 M St., SW; Washington, DC 20460.

I. SITE IDENTIFICATION

A. SITE NAME Pemco Products		B. STREET (or other identifier) 5601 Eastern Avenue	
C. CITY Baltimore	D. STATE MD	E. ZIP CODE 21224	F. COUNTY NAME Baltimore
G. OWNER/OPERATOR (if known) 1. NAME SCM Corporation		2. TELEPHONE NUMBER 301-633-6400	
H. TYPE OF OWNERSHIP <input type="checkbox"/> 1. FEDERAL <input type="checkbox"/> 2. STATE <input type="checkbox"/> 3. COUNTY <input type="checkbox"/> 4. MUNICIPAL <input checked="" type="checkbox"/> 5. PRIVATE <input type="checkbox"/> 6. UNKNOWN			
I. SITE DESCRIPTION Dump area behind manufacturing facility - has been used for disposal of frit - waste glass - site used for over 70 years - facility at site since 1910.			
J. HOW IDENTIFIED (i.e., citizen's complaints, OSHA citations, etc.) Identified by EPA		K. DATE IDENTIFIED (mo., day, & yr.) 10/1/79	
L. PRINCIPAL STATE CONTACT 1. NAME Mr. Paul Thompson, MD Dept. of Health and Mental Hygiene		2. TELEPHONE NUMBER 301-383-6650	

II. PRELIMINARY ASSESSMENT (complete this section last)

A. APPARENT SERIOUSNESS OF PROBLEM <input type="checkbox"/> 1. HIGH <input type="checkbox"/> 2. MEDIUM <input checked="" type="checkbox"/> 3. LOW <input type="checkbox"/> 4. NONE <input type="checkbox"/> 5. UNKNOWN	
B. RECOMMENDATION <input type="checkbox"/> 1. NO ACTION NEEDED (no hazard) <input type="checkbox"/> 2. IMMEDIATE SITE INSPECTION NEEDED a. TENTATIVELY SCHEDULED FOR: b. WILL BE PERFORMED BY: <input checked="" type="checkbox"/> 3. SITE INSPECTION NEEDED a. TENTATIVELY SCHEDULED FOR: b. WILL BE PERFORMED BY: <input checked="" type="checkbox"/> 4. SITE INSPECTION NEEDED (low priority)	

C. PREPARER INFORMATION 1. NAME 2. TELEPHONE NUMBER 3. DATE (mo., day, & yr.)		
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III. SITE INFORMATION

A. SITE STATUS <input type="checkbox"/> 1. ACTIVE (Those industrial or municipal sites which are being used for waste treatment, storage, or disposal on a continuing basis, even if infrequently.) <input checked="" type="checkbox"/> 2. INACTIVE (Those sites which no longer receive wastes.) <input type="checkbox"/> 3. OTHER (specify):	
B. IS GENERATOR ON SITE? <input type="checkbox"/> 1. NO <input checked="" type="checkbox"/> 2. YES (specify generator's four-digit SIC Code): 2899	
C. AREA OF SITE (in acres) 15 acres	D. IF APPARENT SERIOUSNESS OF SITE IS HIGH, SPECIFY COORDINATES 1. LATITUDE (deg., min., sec.) 2. LONGITUDE (deg., min., sec.)
E. ARE THERE BUILDINGS ON THE SITE? <input type="checkbox"/> 1. NO <input checked="" type="checkbox"/> 2. YES (specify): manufacturing facility	

Continued From Front

## IV. CHARACTERIZATION OF SITE ACTIVITY

Indicate the major site activity(ies) and details relating to each activity by marking 'X' in the appropriate boxes.

A. TRANSPORTER		B. STORER		C. TREATER		D. DISPOSER	
<input checked="" type="checkbox"/> 1. RAIL	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> 1. PILE	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> 1. FILTRATION	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> 1. LANDFILL	<input checked="" type="checkbox"/>
<input type="checkbox"/> 2. SHIP	<input type="checkbox"/>	<input type="checkbox"/> 2. SURFACE IMPOUNDMENT	<input type="checkbox"/>	<input type="checkbox"/> 2. INCINERATION	<input type="checkbox"/>	<input type="checkbox"/> 2. LANDFARM	<input type="checkbox"/>
<input type="checkbox"/> 3. BARGE	<input checked="" type="checkbox"/>	<input type="checkbox"/> 3. DRUMS	<input type="checkbox"/>	<input type="checkbox"/> 3. VOLUME REDUCTION	<input type="checkbox"/>	<input type="checkbox"/> 3. OPEN DUMP	<input type="checkbox"/>
<input checked="" type="checkbox"/> 4. TRUCK	<input type="checkbox"/>	<input type="checkbox"/> 4. TANK, ABOVE GROUND	<input type="checkbox"/>	<input type="checkbox"/> 4. RECYCLING/RECOVERY	<input type="checkbox"/>	<input type="checkbox"/> 4. SURFACE IMPOUNDMENT	<input type="checkbox"/>
<input type="checkbox"/> 5. PIPELINE	<input type="checkbox"/>	<input type="checkbox"/> 5. TANK, BELOW GROUND	<input type="checkbox"/>	<input type="checkbox"/> 5. CHEM./PHYS. TREATMENT	<input type="checkbox"/>	<input type="checkbox"/> 5. MIDNIGHT DUMPING	<input type="checkbox"/>
<input type="checkbox"/> 6. OTHER (specify):	<input type="checkbox"/>	<input type="checkbox"/> 6. OTHER (specify):	<input type="checkbox"/>	<input type="checkbox"/> 6. BIOLOGICAL TREATMENT	<input type="checkbox"/>	<input type="checkbox"/> 6. INCINERATION	<input type="checkbox"/>
				<input type="checkbox"/> 7. WASTE OIL REPROCESSING	<input type="checkbox"/>	<input type="checkbox"/> 7. UNDERGROUND INJECTION	<input type="checkbox"/>
				<input type="checkbox"/> 8. SOLVENT RECOVERY	<input type="checkbox"/>	<input type="checkbox"/> 8. OTHER (specify):	<input type="checkbox"/>
				<input type="checkbox"/> 9. OTHER (specify):	<input type="checkbox"/>		<input type="checkbox"/>

## 2. SPECIFY DETAILS OF SITE ACTIVITIES AS NEEDED

Site has been filled and graded. Cap has been vegetated.

## V. WASTE RELATED INFORMATION

## A. WASTE TYPE

☐ 1. UNKNOWN    ☐ 2. LIQUID    ☒ 3. SOLID    ☐ 4. SLUDGE    ☐ 5. GAS

## B. WASTE CHARACTERISTICS

☐ 1. UNKNOWN    ☐ 2. CORROSIVE    ☐ 3. IGNITABLE    ☐ 4. RADIOACTIVE    ☐ 5. HIGHLY VOLATILE  
☒ 6. TOXIC    ☐ 7. REACTIVE    ☐ 8. INERT    ☐ 9. FLAMMABLE
☐ 10. OTHER (specify):

## C. WASTE CATEGORIES

1. Are records of wastes available? Specify items such as manifests, inventories, etc. below.

Over 70 years of porcelain-glass "Frit." calcinid or partly fused glass.

2. Estimate the amount (specify unit of measure) of waste by category; mark 'X' to indicate which wastes are present.

a. SLUDGE	b. OIL	c. SOLVENTS	d. CHEMICALS	e. SOLIDS	f. OTHER
AMOUNT	AMOUNT	AMOUNT	AMOUNT	AMOUNT	AMOUNT
UNIT OF MEASURE	UNIT OF MEASURE	UNIT OF MEASURE	UNIT OF MEASURE	UNIT OF MEASURE	UNIT OF MEASURE
(1) PAINT, PIGMENTS	<input checked="" type="checkbox"/> (1) OILY WASTES	<input checked="" type="checkbox"/> (1) HALOGENATED SOLVENTS	<input checked="" type="checkbox"/> (1) ACIDS	<input checked="" type="checkbox"/> (1) FLYASH	<input checked="" type="checkbox"/> (1) LABORATORY PHARMACEUT.
(2) METALS SLUDGES	(2) OTHER (specify):	(2) NON-HALOGENATED SOLVENTS	(2) PICKLING LIQUORS	(2) ASBESTOS	(2) HOSPITAL
(3) POTW		(3) OTHER (specify):	(3) CAUSTICS	(3) MILLING/ MINE TAILINGS	(3) RADIOACTIVE
(4) ALUMINUM SLUDGE			(4) PESTICIDES	(4) FERROUS SMLTG. WASTES	(4) MUNICIPAL
(5) OTHER (specify):			(5) DYES/INKS	(5) NON-FERROUS SMLTG. WASTES	(5) OTHER (specify):
			(6) CYANIDE	<input checked="" type="checkbox"/> (6) OTHER (specify):	
			(7) PHENOLS	Frit - heavy metals	
			(8) HALOGENS		
			(9) PCB		
			(10) METALS		
			(11) OTHER (specify):		

## V. WASTE RELATED INFORMATION (continued)

3. LIST SUBSTANCES OF GREATEST CONCERN WHICH MAY BE ON THE SITE (place in descending order of hazard).

Lead  
Cadmium

4. ADDITIONAL COMMENTS OR NARRATIVE DESCRIPTION OF SITUATION KNOWN OR REPORTED TO EXIST AT THE SITE.

Site used for disposal of Frit. After 70 years, site has been closed, filled, graded and capped.

## VI. HAZARD DESCRIPTION

A. TYPE OF HAZARD	B. POTENTIAL HAZARD (mark 'X')	C. ALLEGED INCIDENT (mark 'X')	D. DATE OF INCIDENT (mo., day, yr.)	E. REMARKS
1. NO HAZARD				
2. HUMAN HEALTH				
3. NON-WORKER INJURY/EXPOSURE				
WORKER INJURY				
5. CONTAMINATION OF WATER SUPPLY				
6. CONTAMINATION OF FOOD CHAIN	X			if leachate contains heavy metals, may enter food chain.
7. CONTAMINATION OF GROUND WATER	X			heavy metals may migrate off-site
8. CONTAMINATION OF SURFACE WATER	X			heavy metals may migrate off-site
9. DAMAGE TO FLORA/FAUNA				
10. FISH KILL				
11. CONTAMINATION OF AIR				
12. NOTICEABLE ODORS				
13. CONTAMINATION OF SOIL				
14. PROPERTY DAMAGE				
15. FIRE OR EXPLOSION				
16. SPILLS/LEAKING CONTAINERS/ RUNOFF/STANDING LIQUIDS				
17. SEWER, STORM DRAIN PROBLEMS				
18. EROSION PROBLEMS				
19. INADEQUATE SECURITY				
20. INCOMPATIBLE WASTES				
21. MIDNIGHT DUMPING				
22. OTHER (specify):				

## VII. PERMIT INFORMATION

## A. INDICATE ALL APPLICABLE PERMITS HELD BY THE SITE.

- ☐ 1. NPDES PERMIT    ☐ 2. SPCC PLAN    ☐ 3. STATE PERMIT (specify): \_\_\_\_\_  
☐ 4. AIR PERMITS    ☐ 5. LOCAL PERMIT    ☒ 6. RCRA TRANSPORTER  
☒ 7. RCRA STORER    ☒ 8. RCRA TREATER    ☒ 9. RCRA DISPOSER - MD003093499  
☐ 10. OTHER (specify): \_\_\_\_\_

## B. IN COMPLIANCE?

- ☐ 1. YES    ☐ 2. NO    ☐ 3. UNKNOWN

4. WITH RESPECT TO (list regulation name & number): \_\_\_\_\_

## VIII. PAST REGULATORY ACTIONS

- ☐ A. NONE    ☒ B. YES (summarize below)

WRA Order - DHS - cease and desist - apply for DHS permit 4/20/79.

## IX. INSPECTION ACTIVITY (past or on-going)

- ☐ A. NONE    ☒ B. YES (complete items 1, 2, 3, & 4 below)

1. TYPE OF ACTIVITY	2. DATE OF PAST ACTION (mo., day, & yr.)	3. PERFORMED BY: (EPA/State)	4. DESCRIPTION
Investigation	4/79	State	Field Investigation (complaint)
Investigation	4/79	WRA(MD)	Field Investigation (DHS Permit)

## X. REMEDIAL ACTIVITY (past or on-going)

- ☐ A. NONE    ☒ B. YES (complete items 1, 2, 3, & 4 below)

1. TYPE OF ACTIVITY	2. DATE OF PAST ACTION (mo., day, & yr.)	3. PERFORMED BY: (EPA/State)	4. DESCRIPTION
Dump closed	4/79	State	Site graded, capped, and vegetated

NOTE: Based on the information in Sections III through X, fill out the Preliminary Assessment (Section II) information on the first page of this form.

**A****POTENTIAL HAZARDOUS WASTE SITE  
IDENTIFICATION AND PRELIMINARY ASSESSMENT**

This form is completed for each potential hazardous waste site to help determine if a site is hazardous. Information submitted on this form is based on available records and may be updated on subsequent on-site inspections.

**GENERAL INSTRUCTIONS:** Complete Sections I and III through X as completely as possible. File this form in the Regional Hazardous Waste Log File and submit a copy to the Agency; Site Tracking System; Hazardous Waste Enforcement Task Force (EN-335); 401 M.

**I. SITE IDENTIFICATION**

A. SITE NAME <b>PEMCO PRODUCTS</b>		B. STREET (or other identifier) <b>5601 EASTERN AVE.</b>	
C. CITY <b>BALTIMORE</b>	D. STATE <b>MD</b>	E. ZIP CODE <b>21224</b>	F. COUNTY NAME <b>BALTIMORE</b>
G. OWNER/OPERATOR (if known) 1. NAME <b>PEMCO PRODUCTS, SCM</b>		2. TELEPHONE NUMBER	

**H. TYPE OF OWNERSHIP**

☐ 1. FEDERAL ☐ 2. STATE ☐ 3. COUNTY ☐ 4. MUNICIPAL ☒ 5. PRIVATE ☐ 6. UNKNOWN

**I. SITE DESCRIPTION**

**DUMP - 70 YRS OF FILLING OF SITE W/ FRIT, HOT MATT**

**J. HOW IDENTIFIED (i.e., citizen's complaints, OSHA citations, etc.)****K. DATE IDENTIFIED  
(mo., day, & yr.)**

**W.R.A. ORDER**

**10/1/79**

**L. PRINCIPAL STATE CONTACT****1. NAME**

**JOHN LAWTHOR / LEROY JONES DNR**

**2. TELEPHONE NUMBER****II. PRELIMINARY ASSESSMENT (complete this section last)****A. APPARENT SERIOUSNESS OF PROBLEM**

☐ 1. HIGH ☒ 2. MEDIUM ☐ 3. LOW ☐ 4. NONE ☐ 5. UNKNOWN

**B. RECOMMENDATION**

☐ 1. NO ACTION NEEDED (no hazard)

☐ 2. IMMEDIATE SITE INSPECTION NEEDED  
a. TENTATIVELY SCHEDULED FOR:

☐ 3. SITE INSPECTION NEEDED  
a. TENTATIVELY SCHEDULED FOR:

b. WILL BE PERFORMED BY:

b. WILL BE PERFORMED BY:

☐ 4. SITE INSPECTION NEEDED (low priority)

**C. PREPARER INFORMATION****1. NAME****2. TELEPHONE NUMBER****3. DATE (mo., day, & yr.)****III. SITE INFORMATION****A. SITE STATUS**

☐ 1. ACTIVE (Those industrial or municipal sites which are being used for waste treatment, storage, or disposal on a continuing basis, even if infrequently.)

☒ 2. INACTIVE (Those sites which no longer receive wastes.)

☐ 3. OTHER (specify):  
(Those sites that include such incidents like "midnight dumping" where no regular or continuing use of the site for waste disposal has occurred.)

**B. IS GENERATOR ON SITE?**

☐ 1. NO

☒ 2. YES (specify generator's four-digit SIC Code):

**C. AREA OF SITE (in acres)**

**15**

**(1/2 ± CURRENTLY BEING FILLED)**

**D. IF APPARENT SERIOUSNESS OF SITE IS HIGH, SPECIFY COORDINATES**

1. LATITUDE (deg.-min.-sec.)

2. LONGITUDE (deg.-min.-sec.)

**E. ARE THERE BUILDINGS ON THE SITE?**

☐ 1. NO

☒ 2. YES (specify):

**MFG FACILITY**

# IDENTIFICATION OF SITE ACTIVITIES

Indicate for each activity by marking 'X' in the appropriate boxes.

OPERATOR	<input checked="" type="checkbox"/>	C. TREATER	<input checked="" type="checkbox"/>	D. DISPOSER
GROUND		1. FILTRATION		1. LANDFILL
POUNDMENT		2. INCINERATION		2. LANDFARM
		3. VOLUME REDUCTION	<input checked="" type="checkbox"/>	3. OPEN DUMP
ABOVE GROUND		4. RECYCLING/RECOVERY		4. SURFACE IMPOUNDMENT
BELOW GROUND		5. CHEM./PHYS. TREATMENT		5. MIDDLE DUMPING
OPERATOR (specify):		6. BIOLOGICAL TREATMENT		6. INCINERATION
		7. WASTE OIL REPROCESSING		7. UNDERGROUND INJECTION
		8. SOLVENT RECOVERY		8. OTHER (specify):
		9. OTHER (specify):		

(Red)

## E. SPECIFY DETAILS OF SITE ACTIVITIES AS NEEDED

SITE HAS BEEN FILLED AND GRADED WITH EXCEPTION OF LAST AREA WHICH WILL FINISHED SPRING 80

## V. WASTE RELATED INFORMATION

### A. WASTE TYPE

☐ 1. UNKNOWN ☐ 2. LIQUID ☒ 3. SOLID ☒ 4. SLUDGE ☐ 5. GAS

### B. WASTE CHARACTERISTICS

☐ 1. UNKNOWN ☐ 2. CORROSIVE ☐ 3. IGNITABLE ☐ 4. RADIOACTIVE ☐ 5. HIGHLY VOLATILE  
☒ 6. TOXIC ☐ 7. REACTIVE ☒ 8. INERT ☐ 9. FLAMMABLE  
☐ 10. OTHER (specify):

### C. WASTE CATEGORIES

1. Are records of wastes available? Specify items such as manifests, inventories, etc. below.

NO EXACT RECORDS - COMPANY SHOULD BE ABLE TO RECOVER RECORDS

2. Estimate the amount (specify unit of measure) of waste by category; mark 'X' to indicate which wastes are present.

a. SLUDGE	b. OIL	c. SOLVENTS	d. CHEMICALS	e. SOLIDS	f. OTHER
AMOUNT	AMOUNT	AMOUNT	AMOUNT	AMOUNT	AMOUNT
UNIT OF MEASURE	UNIT OF MEASURE	UNIT OF MEASURE	UNIT OF MEASURE	UNIT OF MEASURE	UNIT OF MEASURE
<input checked="" type="checkbox"/> (1) PAINT, PIGMENTS	<input checked="" type="checkbox"/> (1) OILY WASTES	<input checked="" type="checkbox"/> (1) HALOGENATED SOLVENTS	<input checked="" type="checkbox"/> (1) ACIDS	<input checked="" type="checkbox"/> (1) FLYASH	<input checked="" type="checkbox"/> (1) LABORATORY PHARMACEUT.
<input checked="" type="checkbox"/> (2) METALS SLUDGES	(2) OTHER (specify):	(2) NON-HALOGENATED SOLVENTS	(2) PICKLING LIQUORS	(2) ASBESTOS	(2) HOSPITAL
(3) POTW		(3) OTHER (specify):	(3) CAUSTICS	(3) MILLING/ MINE TAILINGS	(3) RADIOACTIVE
(4) ALUMINUM SLUDGE			(4) PESTICIDES	(4) FERROUS SMLTG. WASTES	(4) MUNICIPAL
(5) OTHER (specify):			(5) DYES/INKS	(5) NON-FERROUS SMLTG. WASTES	(5) OTHER (specify):
			(6) CYANIDE	<input checked="" type="checkbox"/> (6) OTHER (specify): GLASS FRIT	
			(7) PHENOLS		
			(8) HALOGENS		
			(9) PCB		
			(10) METALS		
			(11) OTHER (specify):		

## V. WASTE RELATED INFORMATION (continued)

3. LIST SUBSTANCES OF GREATEST CONCERN WHICH MAY BE ON THE SITE (place in descending order of hazard).

(Re)

1. CHEMICAL SLUDGE

4. ADDITIONAL COMMENTS OR NARRATIVE DESCRIPTION OF SITUATION KNOWN OR REPORTED TO EXIST AT THE SITE.

CLOSING OUT OF 70+ YEAR DUMP SITE SPRING 80

## VI. HAZARD DESCRIPTION

A. TYPE OF HAZARD	B. POTENTIAL HAZARD (mark 'X')	C. ALLEGED INCIDENT (mark 'X')	D. DATE OF INCIDENT (mo., day, yr.)	E. REMARKS
1. NO HAZARD				
2. HUMAN HEALTH				
3. NON-WORKER INJURY/EXPOSURE				
4. WORKER INJURY				
5. CONTAMINATION OF WATER SUPPLY				
6. CONTAMINATION OF FOOD CHAIN				
7. CONTAMINATION OF GROUND WATER	X			
8. CONTAMINATION OF SURFACE WATER	X			
9. DAMAGE TO FLORA/FAUNA				
10. FISH KILL				
11. CONTAMINATION OF AIR				
12. NOTICEABLE ODORS				
13. CONTAMINATION OF SOIL				
14. PROPERTY DAMAGE				
15. FIRE OR EXPLOSION				
16. SPILLS/LEAKING CONTAINERS/ RUNOFF/STANDING LIQUIDS				
17. SEWER, STORM DRAIN PROBLEMS				
18. EROSION PROBLEMS				
19. INADEQUATE SECURITY				
20. INCOMPATIBLE WASTES				
21. MIDNIGHT DUMPING				
22. OTHER (specify):				

## VII. PERMIT INFORMATION

STATE ALL APPLICABLE PERMITS HELD BY THE SITE.

RANT

- ☐ 1. NPDES PERMIT    ☐ 2. SPCC PLAN    ☐ 3. STATE PERMIT (specify): \_\_\_\_\_  
☐ 4. AIR PERMITS    ☐ 5. LOCAL PERMIT    ☐ 6. RCRA TRANSPORTER  
☐ 7. RCRA STORER    ☐ 8. RCRA TREATER    ☐ 9. RCRA DISPOSER  
☐ 10. OTHER (specify): \_\_\_\_\_

## B. IN COMPLIANCE?

- ☐ 1. YES    ☐ 2. NO    ☒ 3. UNKNOWN

4. WITH RESPECT TO (list regulation name &amp; number): \_\_\_\_\_

## VIII. PAST REGULATORY ACTIONS

- ☐ A. NONE    ☒ B. YES (summarize below)

EHA ORDER - INDUSTRIAL WASTE - 4/1/79

WRA ORDER - DHS - LEAD-BASED - UNIL DISPERSED - 4/20/79 + Suppl 10/1/79  
SC-0-79-376-B

DNR

## IX. INSPECTION ACTIVITY (past or on-going)

- ☐ A. NONE    ☒ B. YES (complete items 1, 2, 3, & 4 below)

1. TYPE OF ACTIVITY	2. DATE OF PAST ACTION (mo., day, & yr.)	3. PERFORMED BY: (EPA/State)	4. DESCRIPTION
INVESTIGATION / CITIZEN CONCERN	4/1/79	EHA (State)	FIELD INVESTIGATION - INDUSTRIAL WASTE - PERMIT REQ'D
INVESTIGATION	4/1/79	WRA ( )	FIELD INVESTIGATION - DHS PERMIT REQUIRED -

## X. REMEDIAL ACTIVITY (past or on-going)

- ☐ A. NONE    ☒ B. YES (complete items 1, 2, 3, & 4 below)

1. TYPE OF ACTIVITY	2. DATE OF PAST ACTION (mo., day, & yr.)	3. PERFORMED BY: (EPA/State)	4. DESCRIPTION
CLOSE-OUT OF DUMP	1/1/80	WRA	

NOTE: Based on the information in Sections III through X, fill out the Preliminary Assessment (Section II) information on the first page of this form.



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
REGION III

6th AND WALNUT STREETS  
PHILADELPHIA, PENNSYLVANIA 19106

ORIGINAL  
(Red)

1-2-85

David Healy  
Enforcement Program  
Waste Management Administration  
Maryland Dept. of Health & Mental Hygiene  
201 W. Preston Street  
Baltimore, Maryland 21201

~~CERTIFIED MAIL~~

Dear Mr. Healy :

We are forwarding to you, for the State's <sup>information</sup> ~~review and comment~~ one copy of the following document(s):

1. Site inspection of Allied Chemical Agriculture, TDD NO. F3-8212-45, 12-14-84
2. Site inspection of Celanese Lemelle, TDD NO. F3-8305-40, 12-17-84.
3. Site inspection of Ramco Products, TDD NO. F3-8305-24, 12-31-84

*These reports are final.*

~~This report is a draft and should not be copied or released outside of your agency. Once we receive your comments, we will finalize the report and provide you with a copy. To ensure their inclusion in any revision, please have your reviewer's comments forwarded to us by \_\_\_\_\_.~~

~~Along with your comments please return the documents by certified mail to this office.~~

Should you have any questions during your review, please call me at 215/597-3437.

Sincerely yours,

*Neil R. Swanson*

~~Waste Enforcement Section~~  
Superfund Branch (3AW22)  
(3 HW 23)

cc: John W. Koontz



992 OLD EAGLE SCHOOL ROAD, SUITE 918  
WAYNE, PENNSYLVANIA 19087  
215-687-9510

ORIGINAL  
(Red)

December 31, 1984  
R-585-5-4-2  
68-01-6699

Mr. Harold Byer  
U.S. Environmental Protection Agency  
Sixth and Walnut Streets  
Philadelphia, PA 19106

Subject: Final Report  
TDD No. F3-8305-24  
Pemco Products  
Baltimore, Maryland

Dear Mr. Byer:

Submitted herewith is a final Site Inspection report for the subject project.

Based on our review of available data, we have concluded that EPA should consider the following:

- o The damaged on-site monitoring well should be repaired.
- o Sampling of the on-site monitoring wells should continue.
- o The monitoring of downgradient surface water should also be continued.
- o At present, sample analyses results indicate that the Pemco Products site does not pose a serious threat to human health or the environment. If future sample analyses results indicate that the site is releasing contaminants that pose a threat to human health or the environment, then a corrective action program should be developed.

If you have any questions, please contact me.

Respectfully submitted,

Reviewed by,

Approved by,

David Walker  
Engineering Geologist

DW/hk

William Wentworth  
Asst. Manager, Reports

Garth Glenn  
Manager, FIT III

# UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region III - 6th & Walnut Sts.

Philadelphia, Pa. 19106

ORIGINAL  
(Red)

SUBJECT: Request Assistance from FIT Office

DATE: 12-7-84

FROM: Neil R. Swanson, *Neil R. Swanson*  
Site Investigation and Support Section(3HW23)

TO: Butch Byer, FIT Coordinator  
Site Investigation and Support Section(3HW23)

THRU: Edmund Skernolis, Chief  
Site Investigation and  
Support Section (3HW23)

I. SITE NAME: Pimco Products (MD-55)  
DSN  
II. LOCATION: Baltimore  
MD

## III. WORK ASSIGNMENT:

☒ Preliminary Assessment  
☒ Site Inspection  
☐ Hazard Ranking System  
☐ Toxicology Assessment

☐ Quality Assurance Review of Data  
☐ Re-Sampling/Full Field Investigation  
☐ Peer Review Corrections  
☐ Other (See VI below)

## IV. PRIORITY:

☒ High(\*) ☐ Medium ☐ Low

## V. Preferred Deadline:

Date: 12-19-84

## VI. EXPLANATION OF TASK ( \* To include justification for high priority):

① Finalize report.

② Peer Review Comment From St.: Review accordingly.

"Charles Lewis from the Dept. of Health and Mental Hygiene, Waste Management Administration, who visits the site routinely, was also on-site during the day of sampling for technical assistance."

## VII. To be completed by FIT Coordinator only:

Task complete date by FIT: Dec 21, 84

Hours allocated: .....

*Butch*  
*12-7-84*



OFFICE OF ENVIRONMENTAL PROGRAMS  
DEPARTMENT OF HEALTH AND MENTAL HYGIENE

201 WEST PRESTON STREET • BALTIMORE, MARYLAND 21201 • AREA CODE 301 • 383-6650

TTY FOR DEAF: Balto. Area 383-7555  
D.C. Metro 565-0451

Adele Wilzack, R.N., M.S., Secretary

William M. Eichbaum, Assistant Secretary

October 1, 1984

Mr. Ed Skernolis, Chief  
Site Investigation and Support Section  
U.S. Environmental Protection Agency  
Region III  
Sixth and Walnut Streets  
Philadelphia, Pennsylvania 19106

Dear Mr. Skernolis:

This is in response to NUS Corporation's submittal of a draft site investigation of the Mobay Chemical Corporation - Pemco Products Division. There are several points in this draft report requiring clarification.

This proposal makes no recommendations for concluding or expanding the site investigation. Before the report is finalized, we would like the opportunity to comment on the conclusions of the site investigation.

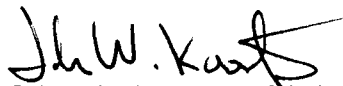
The Quality Assurance Review appears to invalidate all sampling analyses. Due to this fact, it is recommended that follow-up sampling be initiated with appropriate site investigation documentation. ✓

Charles Lewis from the Department of Health and Mental Hygiene, Waste Management Administration, who visits this facility routinely, was also on-site during the day of sampling for technical assistance.

Page 2

If you should have any questions, please communicate with Mr. David Healy at (301)-659-2950 or myself at (301)-383-6650.

Sincerely,



John W. Koontz, Administrator  
Enforcement Program

JWK:amj

cc: Mr. Ronald Nelson  
Mr. Frank Henderson  
Mr. David Healy  
Mr. Charles Lewis

To Butch  
12-7-84  
to analyze

ORIGINAL  
(Red)

EPA-REGION III  
INTERNAL REVIEW/APPROVAL OF  
POTENTIAL HAZARDOUS WASTE SITE INVESTIGATION PROGRAM DOCUMENTS

NAME OF SITE : Pemco Products  
SITE LOCATION : Baltimore MD  
EPA (REG-III) SITE NUMBER : MD-55  
DOCUMENT-TITLE/AUTHOR/DATE : Site Inspection of Pemco Products  
NUS Corp, 8-8-84  
TDD NUMBER (IF APPLICABLE): F3-8305-24

REVIEWER (NAME & TITLE)	PLEASE REVIEW BY	SIGNATURE	DATE
1. <u>M. Plitnik</u>	<u>8-21-84</u>	<u>MCP</u>	<u>9/10/84</u>
2. <u>(EPA Hydrogeologist)</u>			
3. _____			
4. _____			
5. _____			
6. _____			
7. _____			
8. _____			

NOTES:

PLEASE WRITE YOUR COMMENTS ONLY ON AN ATTACHED SHEET, NOT ON THE DOCUMENT.

IF YOU ARE UNABLE TO REVIEW THE DOCUMENT AND PROVIDE COMMENTS BY THE SPECIFIED

DATE, PLEASE NOTIFY N. Swanson X3437 (PHONE).

PLEASE SIGN ONLY WHEN THE DOCUMENT IS APPROVABLE BY YOU.

PLEASE RETURN THE DOCUMENT WITH YOUR COMMENTS TO N. Swanson.

# PEER REVIEW of OSWER INFORMATION MATERIALS

(Instructions for the author are on reverse of this sheet)

ORIGINAL  
(Red)

1. ☒ First Review, ☐ Second Review, ☐
2. Title: Site Inspection of Pemco Products 8-8-84
3. Contact Person: Name N. Swanson Telephone 3437  
Address Superfund Branch
4. Type of Material and Intended Use: Draft SI for peer review - hydrogeological
5. Author's Name and Affiliation: NUS Corp, EPA Contractor
6. Date Submitted to Reviewer: 8-9-84
7. Reviewer: Name M. Plitnick Telephone \_\_\_\_\_  
Address Superfund Br.
8. Please review and comment upon the attached information. Your review should identify weak, doubtful, ambiguous, or unsupportable statements or conclusions. Feel free to make notations on the materials as well as in the comment space below or on a separate sheet of paper.  
IF YOU ARE UNABLE TO REVIEW AND RETURN THE MATERIALS BY 8-21-84  
PLEASE CALL THE CONTACT PERSON (see item # 3 above) IMMEDIATELY. Suggestions for alternate or additional reviewers are always welcome.

## Reviewer's Conclusions (check appropriate boxes)

	Acceptable	Questionable	Unacceptable
Organization and Scope			
Quality of Data			
Presentation of Data			
Validity of Analytical Techniques			
Soundness of Conclusions			
Consistency of Text with Figures, Tables, etc.			

## Reviewer's Recommendations (check appropriate boxes)

- |   |  |
|---|--|
| <input type="checkbox"/> Publish without change     | <input type="checkbox"/> Publish in other media      |
| <input type="checkbox"/> Publish with changes noted | <input type="checkbox"/> Publish in different format |
| <input type="checkbox"/> Do not publish             | (Journal article, report, A/V etc.)                  |

## Reviewer's Comments

*See attached*

REVIEWER'S SIGNATURE

REVIEW DATE

ORIGINAL  
(8-1)

EPA-REGION III  
INTERNAL REVIEW/APPROVAL OF  
POTENTIAL HAZARDOUS WASTE SITE INVESTIGATION PROGRAM DOCUMENTS

NAME OF SITE : Pemco Products  
SITE LOCATION : Baltimore, MD  
EPA (REG-III) SITE NUMBER : MD-55  
DOCUMENT-TITLE/AUTHOR/DATE : Site Inspection of Pemco Products  
NUS Corp., 8-8-84  
TDD NUMBER (IF APPLICABLE): F3-8305-24

REVIEWER (NAME & TITLE)	PLEASE REVIEW BY	SIGNATURE	DATE
1. <u>D. Brunken</u> <u>(EPA Toxicologist)</u>	<u>8-20-84</u>	<u>[Signature]</u>	<u>31 Aug 84</u>
2. _____	_____	_____	_____
3. _____	_____	_____	_____
4. _____	_____	_____	_____
5. _____	_____	_____	_____
6. _____	_____	_____	_____
7. _____	_____	_____	_____
8. _____	_____	_____	_____

NOTES:

PLEASE WRITE YOUR COMMENTS ONLY ON AN ATTACHED SHEET, NOT ON THE DOCUMENT.

IF YOU ARE UNABLE TO REVIEW THE DOCUMENT AND PROVIDE COMMENTS BY THE SPECIFIED

DATE, PLEASE NOTIFY N. Swanson X3437 (PHONE).

PLEASE SIGN ONLY WHEN THE DOCUMENT IS APPROVABLE BY YOU.

PLEASE RETURN THE DOCUMENT WITH YOUR COMMENTS TO N. Swanson

# PEER REVIEW of OSWER INFORMATION MATERIALS

(Instructions for the author are on reverse of this sheet)

CONFIDENTIAL  
(Red)

1. ☒ First Review, ☐ Second Review, ☐
2. Title: Site Inspection of Remco-Products 8-8-84
3. Contact Person: Name N. Swanson Telephone X 3437  
Address Superfund Branch
4. Type of Material and Intended Use: Draft SE for peer review - toxicological
5. Author's Name and Affiliation: NUS Corp, EPA Contractor
6. Date Submitted to Reviewer: 8-9-84
7. Reviewer: Name D. Brunner Telephone \_\_\_\_\_  
Address Superfund Branch
8. Please review and comment upon the attached information. Your review should identify weak, doubtful, ambiguous, or unsupportable statements or conclusions. Feel free to make notations on the materials as well as in the comment space below or on a separate sheet of paper.  
IF YOU ARE UNABLE TO REVIEW AND RETURN THE MATERIALS BY 8-20-84, PLEASE CALL THE CONTACT PERSON (see item # 3 above) IMMEDIATELY. Suggestions for alternate or additional reviewers are always welcome.

## Reviewer's Conclusions (check appropriate boxes)

	Acceptable	Questionable	Unacceptable
Organization and Scope			
Quality of Data			
Presentation of Data			
Validity of Analytical Techniques			
Soundness of Conclusions			
Consistency of Text with Figures, Tables, etc.			

## Reviewer's Recommendations (check appropriate boxes)

- |   |  |
|---|--|
| <input type="checkbox"/> Publish without change     | <input type="checkbox"/> Publish in other media      |
| <input type="checkbox"/> Publish with changes noted | <input type="checkbox"/> Publish in different format |
| <input type="checkbox"/> Do not publish             | (Journal article, report, A/V etc.)                  |

## Reviewer's Comments

REVIEWER'S SIGNATURE

REVIEW DATE

Pemco Products  
Baltimore, MD  
Draft SI  
August 8, 1984

TDD.F3-8305-24  
MD-55  
Comments by: MAP  
for: Neil Swanson  
Sept. 10, 1984

- page 12 Summary

Storm sewer samples with lead and cadmium → undoubtedly low level concentrations are characteristic of an urban area! Especially lead + especially since the site is next to I-95!

- Groundwater

- I find this section totally confusing based on geology description.
- If Arundel clay is outcropping here, that means SURFACE! What formation therefore, is the shallow groundwater in? Is it perhaps in a small sand lense that typically is interbedded within the Arundel Clay? If so, is this shallow groundwater under Artesian conditions? Also, if this is the case, the shallow aquifer would

Pemco Products con't.

be of limited lateral extent and minor importance because of this fact, (I find it hard to believe that in the Baltimore area it would be necessary to rely on a shallow aquifer for potable supplies - ~~even if~~ even if it had lateral extent contamination would be a sure thing taking such an industrialized urban area.

- If the shallow groundwater is not in the Arundel Clay unit then the geology section needs revision because you've (they) obviously left out what overlies the Arundel Clay, and in that case, the site would NOT be in an outcrop area!

- Section 5 EPA Form 2070-B Part 5  
Recharge area questionable if this is an outcrop area for clay.

- General

- Where are references
- Well log available for 2 monitor wells,  $\frac{1}{2}$  or  $\frac{3}{4}$  or how about a well inventory <sup>form</sup> if not?

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region III - 6th & Walnut Sts.  
Philadelphia, Pa. 19106

ORIGINAL  
(Red)

**SUBJECT:** The Toxicological Evaluation of the Penco Products  
facility

**DATE:** AUG 21 1984

**FROM:** Dick Brunker, Toxicologist  
Site Investigation & Support Section (3HW23)

RB

**TO:** Neil Swanson, Environmental Scientist  
Site Investigation & Support Section (3HW23)

There is little doubt that the groundwater associated with the landfill area has been contaminated with such high levels of lead, cadmium, arsenic, and chromium that it could not be used for drinking purposes. It would be prudent to be certain that there are absolutely no domestic wells in the vicinity of this site.

The levels of organic substances, with the exception of sludge from the treatment plant, were less than detectable limits. Since sludges were to be placed in a secure landfill they should be no risk or hazard in the future.



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
REGION III  
6TH AND WALNUT STREETS  
PHILADELPHIA, PENNSYLVANIA 19106

ORIGINAL  
(Red)

October 23, 1981

Timothy D. Van Epp  
JRB Associates  
8400 Westpark Drive  
McLean, Virginia 22102

Dear Mr. Van Epp:

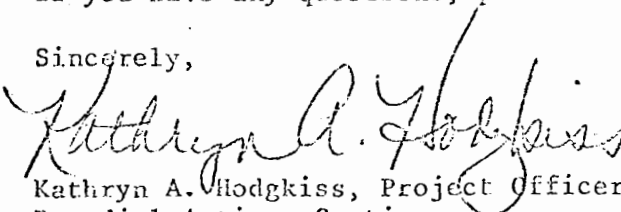
As we discussed during our meeting with Bernie Bigham of the Maryland Office of Environmental Programs on October 16, 1981, I am forwarding the initial list of dumpsites to be investigated by JRB. Copies of our files on the first fifteen sites on the list have been hand delivered to your office. Copies of our files on the remaining eight sites are enclosed, with the exception of MD-83, Bishop Processing Company. All of the information on file for Bishop was taken from State files.

To fulfill our overview role, instead of having EPA inspectors accompany JRB during the initial site visits, I am enclosing copies of Preliminary Assessments prepared for EPA which are considered to be exemplary. Please consider these reports to be examples of the type of report we expect from the JRB on each of the Maryland dumpsites. Also, as you requested, I am enclosing copies of EPA Form T2070-2 (10-79) (Potential Hazardous Waste Site Identification and Preliminary Assessment) and a copy of the Mitre Model and associated forms.

As we discussed at the meeting, I would appreciate it if you would submit the reports in groups of five. We will evaluate the first group as soon as possible after we receive it and will provide you with feedback for use in preparing subsequent reports.

If you have any questions, please call me at 215/597-9435.

Sincerely,

  
Kathryn A. Hodgkiss, Project Officer  
Remedial Actions Section

cc: Bernie Bigham

Enclosure

KAH:lav

Maryland Dumpsites  
JRB Preliminary Assessments

ORIGINAL  
1 (6 of 1)

<u>EPA File #</u>	<u>Site Name/Identification and Location</u>
MD-13	Baltimore Works Block and Willis Streets Baltimore
MD-14	Curtis Bay Plant 5501 Pennington Avenue Baltimore
MD-15	Dump Area - Chemical Road 5500 Chemical Road Balitmore
MD-24	Anacostia River Park Bladensburg Prince George County
MD-25	Cambridge Site 311 Trenton Road Cambridge Dorchester County
MD-26	City Biological Treatment Plant 101 Roslyn Avenue Cambridge Dorchester
MD-28	Tennaco Company, Inc. Route 297 Chestertown Kent County
MD-29	Municipal Dump Flatland Road Chestertown Kent County
MD-35	Anne Arundel County Landfill Dover Street Glen Burnie Anne Arundel County

<u>EPA File #</u>	<u>Site Name/Identification and Location</u>
MD-50	Woodlawn Transfer Station Fire Tower Road Woodlawn Cecil County
MD-53	U.S. Beltsville Agricultural Center Buildings 1321 and 204 Barl Beltsville Prince George County
MD-71	Chemetals Corporation 711 Pittman Street Baltimore
MD-72	Nevamar Corporation 8339 Telegraph Road Odenton Anne Arundel County
MD-77	Bata Shoe Company U.S. Route 40 Belcamp
MD-78	Mack Trucks, Inc. 1999 Pennsylvania Avenue Hagerstown

The following sites should be considered low priority. State files may contain sufficient information so that site visits may not be necessary to complete preliminary assessment:

<u>EPA File #</u>	<u>Site Name/Identification and Location</u>
MD-10	Allied Chemical 2000 Race Street Baltimore
MD-16	Dundalk Marine Terminal Baltimore
MD-17	FMC Corporation 1701 E. Patapsco Avenue Baltimore

EPA File #

Site Name/Identification and Location

MD-34

Howard County Landfill  
4361 Newcut Road  
Ellicott City  
Howard County

MD-51

Bucks Steel Drum  
8234 Rosebank Avenue  
Baltimore

MD-55

Pemco Products  
51001 Eastern Avenue  
Baltimore

MD-81

Dale Dickerson  
Middletown Road  
Annapolis

MD-83

Bishop Processing Company  
Bishop  
Wicomico County

AL  
(Red)



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
REGION III  
6TH AND WALNUT STREETS  
PHILADELPHIA, PENNSYLVANIA 19106

ORIGINAL  
(Red)

October 23, 1981

Bernard Bigham  
Waste Management Administration  
Office of Environmental Programs  
201 West Preston Street  
Baltimore, Maryland 21201

Dear Mr. Bigham:

As we discussed during our meeting on October 16, 1981, I am enclosing copies of the information contained in the following EPA dumpsite files:

MD-13	Baltimore Works
MD-14	Curits Bay Plant
MD-15	Dump Area - Chemical Road
MD-24	Anacostia River Park
MD-25	Cambridge Site
MD-26	City Biological Treatment Plant
MD-28	Tennaco Company, Inc.
MD-29	Municipal Dump
MD-33	Elkton Quarry
MD-35	Anne Arundel County Landfill
MD-50	Woodlawn Transfer Station
MD-53	U.S. Beltsville Agricultural Center
MD-71	Chemetals Corporation
MD-72	Nevamar Corporation
MD-77	Bata Shoe Company
MD-78	Mack Trucks, Inc.

With the exception of MD-33 (Elkton Quarry) which appears to be a duplicate of MD-85 (Maryland Sand & Gravel), this is the initial list of facilities provided to JRB Associates.

Also, as we discussed over the telephone on October 20, 1981, I have included the following sites on a low priority list forwarded to JRB:

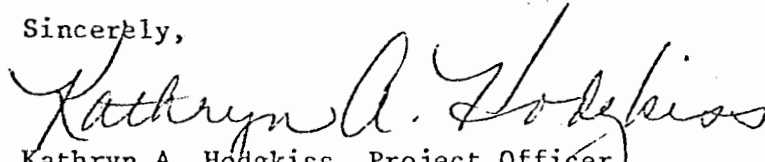
MD-10	Allied Chemical
MD-16	Dundalk Marine Terminal
MD-17	FMC Corporation
MD-34	Howard County Landfill
MD-51	Bucks Steel Drum
MD-55	Pemco Products
MD-81	Dale Dickerson Dump
MD-83	Bishop Processing

ORIGINAL  
(Red)

With the exception of Bishop Processing, I am enclosing copies of our information on file for these sites. All of the information on file for Bishop was taken from State files.

If you have any questions, please call me at 215/597-9435.

Sincerely,

  
Kathryn A. Hodgkiss, Project Officer  
Remedial Actions Section

Enclosure

KAH:lav



ORIGINAL

(Red)

THOMAS C. ANDREWS  
DIRECTOR

STATE OF MARYLAND  
DEPARTMENT OF NATURAL RESOURCES  
**WATER RESOURCES ADMINISTRATION**  
TAWES STATE OFFICE BUILDING  
ANNAPOLIS, MARYLAND 21401  
(301) 269-3551

CERTIFIED MAIL

October 29, 1979

Pemco Products  
Chemical/Metallurgical  
Division of SCM Corporation  
5601 Eastern Avenue  
Baltimore, Maryland 21224

Attn: Frank Chapman

Re: Industrial Waste Disposal Area  
SC-0-79-376-A  
75-DP-0317

Gentlemen:

On October 17, 1979, a meeting was held in Annapolis to discuss correction of the above referenced violation. As a result of the meeting, the following determinations were made:

1. The SCM Corporation would remove material contaminated with heavy metals at the Pemco site once these areas were designated by the Administration.
2. All disposal of designated hazardous materials at the site has stopped and waste material is being disposed of in an acceptable manner.
3. The SCM Corporation will need 30 days to evaluate the pipe extension project and develop a plan and time schedule for restoration of the contaminated area. This work would be completed by early spring of 1980.

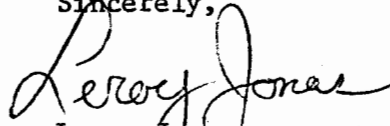
On October 19, 1979, an on-site meeting was held at the Pemco facility to establish areas of contaminated material to be removed.

Accordingly, the Administration is issuing the enclosed Supplemental Order SC-0-79-376-B which updates the requirements in this case.

ORIGINAL  
(Red)

Direct any questions or correspondence regarding this matter to me  
at 269-3551.

Sincerely,

A handwritten signature in cursive script, appearing to read "Leroy Jonas".

Leroy Jonas  
Regional Chief  
Enforcement Division

LJ:das

cc: John B Griffith, Esq., Asst. Attorney General  
Stanley Laskowski, EPA III  
Perry Sfikas  
George Huber

Pemco Products : WATER  
Chemical/Metallurgical :  
Division of SCM Corporation : RESOURCES (Red)  
5601 Eastern Avenue :  
Baltimore, Maryland 21224 : ADMINISTRATION  
  
Attn: Frank Chapman :  
  
VIOLATOR : SC-0-79-376-B  
  
:

SUPPLEMENTAL ORDER

This Order is issued pursuant to the provisions of Sections 8 - 1401-1417, inclusive, of the Natural Resources Article, Annotated Code of Maryland (1974 Volume). The following terms supplement those provisions contained in the Site Complaint dated the 20th day of April, 1979, and the Supplemental Order dated the 1st day of October, 1979, and to the extent they contradict said terms, the provisions herein take precedence.

It is, this 29th day of October, 1979, by the Water Resources Administration, ORDERED:

That Pemco Products shall:

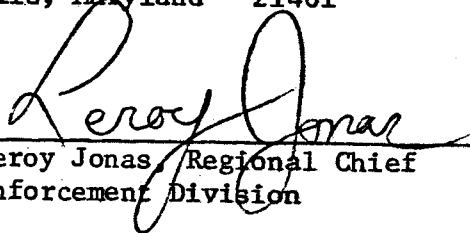
1. By April 20, 1979, cease and desist the disposal of hazardous material at the referenced site unless authorized by a valid Designated Hazardous Material Disposal Permit.
2. By November 15, 1979, remove all piles of lead and heavy metal contaminated material from the referenced area behind the Pemco facility and dispose of this material in a manner acceptable to the Administration.
3. By November 30, 1979, submit to the Administration, for review and approval, a plan and time schedule for the extension of the existing storm drain pipe past the contaminated area. This plan must also address clay cover, topsoiling and vegetative stabilization of the contaminated area at the Pemco site.
4. By November 30, 1979, submit to the Administration a report regarding the 3 separate operations which discharge to outfall

ORIGINAL  
(Red)

001. This report must also include analytical information  
(flow and pollutants) associated with the 3 separate  
operations.

Thomas C. Andrews, Director  
Water Resources Administration  
Tawes State Office Building  
Annapolis, Maryland 21401

By:

  
Leroy Jonas, Regional Chief  
Enforcement Division



ORIGINAL  
(Red)

THOMAS C. ANDREWS  
DIRECTOR

STATE OF MARYLAND  
DEPARTMENT OF NATURAL RESOURCES  
**WATER RESOURCES ADMINISTRATION**  
TAWES STATE OFFICE BUILDING  
ANNAPOLIS, MARYLAND 21401

(301) 269-3551

CERTIFIED MAIL

October 1, 1979

Pemco Products  
Chemical/Metallurgical  
Division of SCM Corporation  
5601 Eastern Avenue  
Baltimore, Maryland 21224

Attn: Frank Chapman

Re: Industrial Waste Disposal Area  
SC-0-79-376  
75-DP-0317

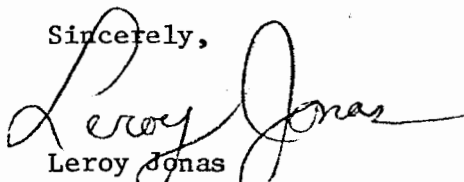
Gentlemen:

The Administration has completed the review of your May 17, 1979, proposal for the correction of the waste disposal site behind your property, soil borings and analyses of water samples taken at the site. After reviewing this information, the Administration has determined that your proposal for correction is not adequate without extending the existing storm drain.

The enclosed Supplemental Order SC-0-79-376-A updates the Administration's requirements in this case.

Direct any questions or correspondence regarding this matter to me at 269-3551.

Sincerely,

  
Leroy Jonas  
Regional Chief  
Enforcement Division

LJ:das

cc: John B Griffith, Esq., Asst. Attorney General  
Stanley Laskowski, EPA III  
Perry Sfikas

Pemco Products : WATER  
Chemical/Metallurgical :  
Division of SCM Corporation : RESOURCES  
5601 Eastern Avenue :  
Baltimore, Maryland 21224 : ADMINISTRATION  
  
Attn: Frank Chapman :  
  
VIOLATOR : SC-0-79-376-A

ORIGINAL  
(Red)

:  
SUPPLEMENTAL ORDER

This Order is issued pursuant to the provisions of Sections 8 - 1401-1417, inclusive, of the Natural Resources Article, Annotated Code of Maryland (1974 Volume). The following terms supplement those provisions contained in the Site Complaint dated the 20th day of April, 1979, and to the extent they contradict said terms, the provisions herein take precedence.

It is, this 1st day of October, 1979, by the Water Resources Administration, ORDERED:

That Pemco Products shall:

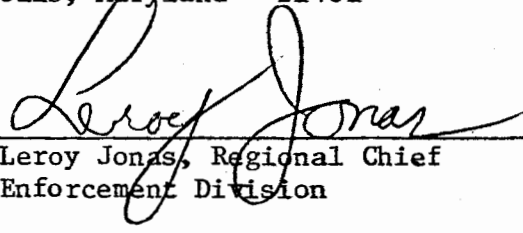
1. By April 20, 1979, cease and desist the disposal of hazardous material at the referenced site unless authorized by a valid Designated Hazardous Material Disposal Permit.
2. By October 15, 1979, remove all piles of lead and heavy metal contaminated material from the referenced area behind the Pemco facility and dispose of this material in a manner acceptable to the Administration.
3. By October 30, 1979, extend the existing storm drain pipe adjacent to your property downstream of the referenced contaminated disposal site.
4. By November 15, 1979, regrade the referenced fill area, backfill the pipe extension, cover with topsoil and vegetatively stabilize all disturbed areas.
5. By November 15, 1979, submit to the Administration a report regarding the 3 separate operations which discharge to outfall 001. This report must also include analytical information (flow and

(Red)

pollutants) associated with the 3 separate operations.

Thomas C. Andrews, Director  
Water Resources Administration  
Tawes State Office Building  
Annapolis, Maryland 21401

By:

  
Leroy Jonas, Regional Chief  
Enforcement Division